

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	router AND password AND ((software OR firmware) ADJ update) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:32
L2	328	remote AND ((software OR firmware) ADJ (update OR upgrade)) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:10
L3	180	("FTP" OR file transfer protocol) AND ("SSL" OR secure sockets layer) AND remote AND ((software OR firmware) ADJ (update OR upgrade)) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:12
L4	16	one time password AND ("FTP" OR file transfer protocol) AND ("SSL" OR secure sockets layer) AND remote AND ((software OR firmware) ADJ (update OR upgrade)) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:13
L5	1	one time password AND remote AND ((software OR firmware) ADJ (update OR upgrade)) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:14
L6	0	one time password AND remote (firmware (update OR upgrade)) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:15
L7	2	remote (firmware (update OR upgrade)) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:15
L8	2	"6526092".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:21

## EAST Search History

L9	2	"7069452".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:31
L10	9	(file transfer protocol OR "FTP") AND firmware (upgrade OR update) AND (transmit\$3 OR transfer\$3 OR send\$3) AND generat\$3 AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:35
L11	11	second communication AND ((firmware OR software) (upgrade OR update)) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:40
L12	20	username AND password AND ((firmware OR software) (upgrade OR update)) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:51
L13	214	username AND password AND ((firmware OR software) (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:52
L14	97	("FTP" OR file transfer protocol) AND ("SSL" OR "HTTPS") AND username AND password AND ((firmware OR software) (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:54
L15	38	("FTP" OR file transfer protocol) AND ("SSL" OR "HTTPS") AND username AND password AND ((firmware OR software) (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 10:59
L16	174	certificate AND ((firmware OR software) (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 11:03

## EAST Search History

L17	6	process load AND certificate AND ((firmware OR software) (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 11:02
L18	36	("PKI" OR public key infrastructure) AND certificate AND ((firmware OR software) (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 11:16
L19	22	FTP AND ("PKI" OR public key infrastructure) AND certificate AND ((firmware OR software) (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 11:18
L22	82	out-of-band AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 11:21
L23	0	in-band AND out-of-band authentication AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 11:21
L24	45	in-band AND out-of-band AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 14:37
L25	108	("SSL" OR secure sockets layer) AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 14:38

## EAST Search History

L26	75	well known AND ("SSL" OR secure sockets layer) AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 14:38
L27	0	(well known NEAR ("SSL" OR secure sockets layer)) AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 14:38
L28	6	(well known SAME ("SSL" OR secure sockets layer)) AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 14:41
L29	126	(well known SAME ("SSL" OR secure sockets layer)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 14:42
L30	17	(well known NEAR ("SSL" OR secure sockets layer)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 14:58
L31	266	restart AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 14:58
L32	118	notification AND restart AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 14:59
L36	1	restart NEAR notification AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 15:01

## EAST Search History

L37	79	synchronization AND restart AND notification AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 15:01
L38	107	synchronization AND restart AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 15:37
L39	79	notification AND synchronization AND restart AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 15:42
L40	146	notification AND restart\$3 AND ((firmware OR software) ADJ (upgrade OR update)) AND ("713".clas. OR "380".clas. OR "726".clas. OR "717".clas. OR "709".clas.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 15:42
L41	16	notification AND restart\$3 AND ((firmware OR software) ADJ (upgrade OR update)) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 15:48
L42	74	restart\$3 AND ((firmware OR software) ADJ (upgrade OR update)) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 15:48
S1	154	713/191.ccls. AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 09:16
S2	2539	(713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 09:18

## EAST Search History

S3	74	(certification OR authentication) AND software update AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 09:19
S4	92	(certification OR authentication OR authenticat\$3) AND software update AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 09:19
S5	92	(certification OR authenticat\$3) AND software update AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 09:19
S6	96	(certif\$3 OR certification OR authenticat\$3) AND software update AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 10:04
S7	6	"FTP" AND "SSL" AND (certif\$3 OR certification OR authenticat\$3) AND software update AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 10:19
S8	13	communication channel AND (certif\$3 OR certification OR authenticat\$3) AND software update AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 10:31
S9	54	communication AND (channel OR path) AND (certif\$3 OR certification OR authenticat\$3) AND software update AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 10:33
S10	58	communication AND (channel OR path) AND (certif\$3 OR certification OR authenticat\$3) AND (software update OR firmware update) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 10:45

## EAST Search History

S11	1	((software OR firmware) ADJ update manager) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 10:46
S12	398	((software OR firmware) ADJ update) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/17 07:50
S13	211	(password OR certificate OR signature OR key) AND ((software OR firmware) ADJ update) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 10:47
S14	16	(public key AND private key) AND ((software OR firmware) ADJ update) AND (713/191.ccls. OR 717/168-178.ccls.) AND (@pd<"20030328" or @ad<"20030328" or @prad<"20030328" or @rlad<"20030328")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 10:48



firmware update router certificate

Search Patents

[Advanced Patent Search](#)  
[Google Patent Search](#)

Filing date

☐ Return patents filed anytime

☒ Return patents filed between Jan ▾ 1970 ▾ and Mar ▾ 2002 ▾

## Patents

Patents 1 - 2 on **firmware update router certificate**. (0.20 seconds)

Methods, systems and computer

[Sort by relevance](#) | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)

program products for secure **firmware** updates

US Pat. 7069452 - Filed Jul 12, 2000 - International Business Machines Corporation

The **firmware update** could be provided to all cable routers and the rules could evaluate the MAC 40 addresses of the cable **router** to determine if the **update** ...

Methods, systems and computer program products for rule based **firmware** ...

US Pat. 6976163 - Filed Jul 12, 2000 - International Business Machines Corporation

The **firmware update** could be provided to all cable routers and the rules could evaluate the MAC addresses of the cable **router** to determine if the **update** was ...

firmware update router certificate

Search Patents

[Google Patent Search Help](#) | [Advanced Patent Search](#)

[Google Home](#) - [About Google](#) - [About Google Patent Search](#)

©2007 Google





remote firmware update

Search Patents

[Advanced Patent Search](#)  
[Google Patent Search](#)

Issue date

☐ Return patents issued anytime

☒ Return patents issued between Jan ▾ 2002 ▾ and Jan ▾ 2007 ▾

Filing date

☐ Return patents filed anytime

☒ Return patents filed between Jan ▾ 1970 ▾ and Mar ▾ 2002 ▾

## Patents

Patents 1 - 50 on remote firmware update. (0.12 seconds)

[Automatic remote firmware upgrade](#)
[Sort by relevance](#) | 
 [Sort by date \(new first\)](#) | 
 [Sort by date \(old first\)](#)

US Pat. 6930785 - Filed Mar 17, 2000 - Hewlett-Packard Development Company, L.P.

If the **update** trigger parameter meets the **update** value, a trigger mechanism is adapted to actuate the auto- 50 matic **remote firmware update** mechanism to ...

### Modem with firmware upgrade feature

US Pat. 6526092 - Filed Jan 6, 2000 - Multi-Tech Systems, Inc.

The **remote** PC then sets the max packet size according to the version number ...

However, for R&D or manufacturing purposes it may be necessary to **update** or ...

### Modem with firmware upgrade feature

US Pat. 6341143 - Filed Jan 3, 1995 - Multi-Tech Systems, Inc.

The **remote** PC then sets the max packet size according to the version number ...

However, for R&D or manufacturing purposes it may be necessary to **update** or ...

### System for secure controlled electronic memory updates via networks

US Pat. 6546492 - Filed Mar 26, 1999 - Ericsson Inc.

7 is for the scenario when the **update** server 28 only has one software/**firmware** level to transmit to any of the **remote** units 22. Under such a scenario, ...

### Method and apparatus for configuring configurable equipment with ...

US Pat. 6725260 - Filed May 10, 2000 - L.V. Partners, L.P.

28A and 28B, there is illustrated a flowchart for the process for obtaining a **firmware update** by scanning an MRC 1606 of a document, in response to which ...

### Method and apparatus for synchronizing firmware

US Pat. 6678741 - Filed Apr 9, 1999 - Sun Microsystems, Inc.

One such arrangement is that where a **remote** client computer station ... Problems may arise when a user attempts to install or **update firmware** on their ...

### Remote maintenance method of an information processing apparatus

US Pat. 7007077 - Filed Sep 6, 2000 - Hitachi, Ltd.

Upon receiving the **firmware update** program acquisition request, the **remote** management server 20 checks whether the communications device identification ...

### Method and apparatus of remotely updating firmware of a communication device

US Pat. 6640334 - Filed Sep 27, 1999 - Nortel Networks Limited

teaches a data modem with **remote firmware update** capabilities. According to Herb et al., the data modem is provided with a read only memory (ROM), ...

### Automatic firmware version upgrade system

US Pat. 6971095 - Filed Feb 20, 2001 - Fujitsu Limited

The maintenance application 100 and the **firmware update** program 104 can be ...  
a **remote** device control hardware 204 which receives a power supply (power ...

#### Hand-held video viewer and **remote** control device

US Pat. 6476825 - Filed Nov 12, 1999 - Clemens Croy

Also, the code for special or new functions may be loaded into the PTVN 200 for temporary or continuous use (software/**firmware update**). ...

#### Mechanism to safely perform system **firmware update** in logically partitioned ...

US Pat. 6834340 - Filed Mar 1, 2001 - International Business Machines Corporation

The data processing system as recited in claim, wherein the request to **update** the system **firmware** from the first logical partition is received from a **remote** ...

#### Method and apparatus for **remote update** of clients by a server via broadcast ...

US Pat. 6614804 - Filed Mar 22, 1999 - WEBTV Networks, Inc.

... be as complex as a new OS including entirely new or replacement **firmware**...  
time will receive the software upgrade or content **update**, respectively. ...

#### High-end KVM switching system

US Pat. 6388658 - Filed Dec 2, 1999 - Cybex Computer Products Corp.

**Remote Firmware Update** Advantageously, all programmable electronic devices may be reprogrammed or updated from a **remote** location. ...

#### Redundant updatable self-booting **firmware**

US Pat. 6560703 - Filed Apr 18, 2000 - International Business Machines Corporation

In this case, a **firmware update** fault would result in a working boot sector, ...  
be coupled to devices operated by the microprocessor 12, a **remote** bus 17, ...

#### Modem with **firmware** upgrade feature

US Pat. 6928108 - Filed Oct 10, 2001 - Multi-Tech Systems, Inc.

Next, the **remote** PC sends an ATI1 command. The ATI1 compares it to the checksum ...  
... 11A is run in poses it may be necessary to **update** or reprogram the boot ...

#### System and method for performing **remote** BIOS updates

US Pat. 6732267 - Filed Sep 11, 2000 - Dell Products L.P.

According to one 45 embodiment, **remote** system 102 follows Intel IA-64 architecture, and partition 138 is an Extensible **Firmware** Interface (EFI) partition. ...

#### Automatic data collection device having a network communications capability

US Pat. 6539422 - Filed May 3, 1999 - Intermec IP Corp.

Thus, back up/restore, **firmware** upgrade, application installation and other ...  
A **remote** system administrator, such as a system administrator at the **remote** ...

#### Method for collecting data using compact internetworked wireless integrated ...

US Pat. 6735630 - Filed Oct 4, 2000 - Sensoria Corporation

This WINS NG application permits **remote** scheduled, verified 25 upgrade and repair of digital system **firmware**. In addition to eliminating recalls that ...

#### Method and system for automatic **firmware** updates in a portable hand-held device

US Pat. 6754895 - Filed Apr 26, 2001 - Palm Source, Inc.

In this embodiment, an **update** application is transferred from a first PID 12 to

a second PID 14 in order to implement the automatic **firmware** updates. ...

**Remote BIOS upgrade of an appliance server by rebooting from updated BIOS ...**

US Pat. 6594757 - Filed Feb 25, 2000 - Intel Corporation

3 is a flowchart of **remote** BIOS upgrade process according an embodiment of ...

The BIOS memory and **firmware** can support booting the Service Partition 204. ...

**Methods, systems and computer program products for rule based **firmware** ...**

US Pat. 6976163 - Filed Jul 12, 2000 - International Business Machines Corporation

In the latter scenario, the **remote** computer may be connected ... 1, a **firmware**

**update** system according to embodiments of the present invention is ...

**Remote analysis of process control plant data**

US Pat. 6795798 - Filed May 10, 2001 - Fisher-Rosemount Systems, Inc.

The method of claim 1, further comprising the step of transmitting **update**

information from the process plant to the **remote** data processing facility to ...

**Multiplexer selecting one of input/output data from a low pin count ...**

US Pat. 6718407 - Filed Sep 30, 1999 - Intel Corporation

**Remote** programming by a host processor 30 requires an interface with the host to

... By incorporating the self-**update** controller to control the **firmware** ...

**Method, system, and program for **remote** copy in an open systems environment**

US Pat. 6526419 - Filed Jun 9, 2000 - International Business Machines Corporation

In further embodiments, an **update** from a host to one storage area in the primary

site ... Preferred embodiments provide a methodology for allowing a **remote** ...

**Method and apparatus for internetworked wireless integrated network sensor ...**

US Pat. 6859831 - Filed Oct 4, 2000 - Sensoria Corporation

This WINS NG application permits **remote** scheduled, verified 25 upgrade and repair

of digital system **firmware**. In addition to eliminating recalls that ...

**Automated software upgrade utility**

US Pat. 6976062 - Filed Sep 18, 2000 - Intermec IP Corp.

The upgrade utility may reside at **remote** sites, such as the product owner's place

of business, and periodically query the product provider for **firmware** 5 ...

**Method for configuring a piece of equipment with the use of an associated ...**

US Pat. 6792452 - Filed May 10, 2000 - L.V. Partners, L.P.

... the same generic MRC 3406 (indicating a **firmware update**) attached thereto.

... a **remote** location on the network and an association stored at the **remote** ...

**Apparatus for internetworked hybrid wireless integrated network sensors (WINS)**

US Pat. 6826607 - Filed Oct 4, 2000 - Sensoria Corporation

This WINS NG application permits **remote** scheduled, verified 25 upgrade and repair

of digital system **firmware**. In addition to eliminating recalls that ...

**Method and apparatus for distributed signal processing among internetworked ...**

US Pat. 6832251 - Filed Oct 4, 2000 - Sensoria Corporation

In addition to eliminating recalls that require **firmware** upgrade, this ultimately

... entire operating system (OS) and other software components to **remote**,... .

### Remote communications server system

US Pat. 6359894 - Filed Dec 23, 1999 - Multi-Tech Systems, Inc.

The **firmware** addresses the various cards in the system and the devices on ...  
If the boot detects a Flash **update** start sequence, the boot code will begin ...

### Dynamic bandwidth monitor and adjuster for remote communications with a ...

US Pat. 6564104 - Filed Dec 20, 2000 - Medtronic, Inc.

The ability to **update** control system software and hardware at a central location  
is also provided, as well as the ability to upgrade the **firmware** or ...

### Automatic configuration of equipment software

US Pat. 6704864 - Filed May 10, 2000 - L.V. Partners, L.P.

47 48 to a specific device ID 3704 (of a piece of equipment 3400) **remote** ...  
The method of claim 3, wherein the software **update** is location on the VWS 2504 ...

### Apparatus and method for seamlessly upgrading the firmware of an intelligent ...

US Pat. 6813571 - Filed Aug 15, 2001 - Power Measurement, Ltd.

9 depicts a block diagram of the internal circuitry of ing the **update** code to  
... the operation by the **remote** CPU (in a computer or other device). circuitry ...

### System and method providing distributed welding architecture

US Pat. 6624388 - Filed Jan 25, 2001 - The Lincoln Electric Company

As illustrated, the **remote** system 310 may include a plurality of sockets 346-354  
... The database 480 may include stored weld programs, **firmware** and/or ...

### Method and apparatus for updating new versions of firmware in the background

US Pat. 6944854 - Filed Nov 30, 2000 - International Business Machines Corporation

Currently, the operating system cannot be loaded until this **firmware update** is  
finished. Thus, the user may have to wait an hour or more before the system ...

### System and method for updating firmware

US Pat. 7055148 - Filed Dec 7, 2000 - Hewlett-Packard Development Company, L.P.

The computer system of claim 11, wherein the **firmware update** logic and the ...  
to report to a **remote** system whether the **firmware** revision can successfully ...

### Remote data facility prefetch

US Pat. 6557079 - Filed Dec 20, 1999 - EMC Corporation

The nonvolatile memory stores **firmware** 68 and parameter data in a parameter ...  
in particular caching **update** information provided by the host interface 28 ...

### Online control of a multiprocessor computer system

US Pat. 6681282 - Filed Aug 31, 2000 - Hewlett-Packard Development Company, L.P.

It is dependent upon the Server Management **Firmware** for: Loading Retrieving ...  
**Firmware Update** Platform Debug Utility Initialization The Server Management ...

### Method for collecting and processing data using internetworked wireless ...

US Pat. 7020701 - Filed Oct 4, 2000 - Sensoria Corporation

This WINS NG application permits **remote** scheduled, verified 40 upgrade and repair  
of digital system **firmware**. In addition to eliminating recalls that ...

### Apparatus for interconnecting local area network workstations to an ...

US Pat. 6425013 - Filed Jan 7, 1999 - Nortel Networks Limited

The mechanism for **firmware** upgrade using a **remote** LAN PC is shown in FIG. 2. ...  
The "**UPDATE**" action of the interactive control program facilities properly ...

#### Integrated internet/intranet camera

US Pat. 6930709 - Filed Dec 3, 1998 - PENTAX of America, Inc.

Accordingly, a user may view and/or change any of the variables or parameters in the menu/storage structure, or even **update** the entire **firmware** set or parts ...

#### Remote computer communication

US Pat. 6538996 - Filed Apr 25, 2000 - Enterasys Networks, Inc.

Depending on which of these Internet necessary to install the new **firmware**.  
addresses are accessible from **remote** computer 100, pre- If prescriber 560 is ...

#### Method and system for master to master communication in control systems

US Pat. 6744771 - Filed Jun 9, 1999 - AMX Corporation

2) is used to **update** the software and **firmware** 57 on master controller 28. ...  
to a **remote** master controller distinct from said first master controller. 8. ...

#### Combining computer programs

US Pat. 7065531 - Filed Mar 12, 2002 - Hewlett-Packard Development Company, L.P.

The **remote** devices 140 and 150 resource program 116 is stored at byte 3000001 in ...  
... For example, the **firmware update** file is ing the MP program 118 and the ...

#### Wireless game control system

US Pat. 6684062 - Filed Oct 25, 2000 - Eleven Engineering Incorporated

A system as in claim 1 that allows for the upgrade of the **firmware** of the ...  
A radio frequency wireless system for **remote** operation of an electronic game ...

#### Computer system having **remote** wake-up function and **remote** wake-up method thereof

US Pat. 6366957 - Filed Mar 5, 1999 - Samsung Electronics Co., Ltd.

An operator can use the supervisory computer system to **update** the software ...  
FOR SECURE **REMOTE** PROGRAMMING OF **FIRMWARE** AND CONFIGURATIONS OF **FIRMWARE** AND ...

#### Method for updating a printer **firmware**

US Pat. 6467087 - Filed Dec 16, 1999 - Destiny Technology Corporation

Using the method, the users can self- **update** the **firmware** of the printer, ...  
1 shows printer **firmware** flows from a **remote** server to a printer when updating ...

#### Wireless roadway monitoring system

US Pat. 6662099 - Filed May 22, 2001 - Massachusetts Institute of Technology

For example, if two sensors 10 communicating with the same **remote** ... receiving  
updated system **firmware**). Since the receive capability represents another ...

#### Information network interrogation of an implanted device

US Pat. 6480745 - Filed Dec 18, 2000 - Medtronic, Inc.

The ability to **update** 35 control system software and hardware at a central location  
is also provided, as well as the ability to upgrade the **firmware** or ...

#### Video eavesdropping and reverse assembly to transmit video action to a ...

US Pat. 6476854 - Filed Oct 18, 1996 - Compaq Information Technologies Group, L.P.

The video display of the **remote** computer C is available to the local computer  
190 from power up. Special system **firmware** provides the **remote** console ...

Goooooooooogle ▶

Result Page:    1 2 3 4 5 6 7 8 9    **Next**

remote firmware update

Search Patents

[Google Patent Search Help](#) | [Advanced Patent Search](#)

[Google Home](#) - [About Google](#) - [About Google Patent Search](#)

©2007 Google



remote firmware (update OR upgrade)

Search Patents

[Advanced Patent Search](#)  
[Google Patent Search](#)

Issue date

☐ Return patents issued anytime

☒ Return patents issued between Jan ▾ 2002 ▾ and Jan ▾ 2007 ▾

Filing date

☐ Return patents filed anytime

☒ Return patents filed between Jan ▾ 1970 ▾ and Mar ▾ 2002 ▾

## Patents

Patents 1 - 50 on remote firmware (update OR upgrade). (0.19 seconds)

Automatic remote firmware upgrade [Sort by relevance](#) | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)

US Pat. 6930785 - Filed Mar 17, 2000 - Hewlett-Packard Development Company, L.P.

The remote firmware upgrade process begins at point 22, wherein the imaging system is configured. The imaging system firmware can configure an update value ...

### Modem with firmware upgrade feature

US Pat. 6526092 - Filed Jan 6, 2000 - Multi-Tech Systems, Inc.

However, for R&D or manufacturing purposes it may be necessary to update or ... the remote PC to exit data communications software and process the upgrade ...

### Modem with firmware upgrade feature

US Pat. 6341143 - Filed Jan 3, 1995 - Multi-Tech Systems, Inc.

However, for R&D or manufacturing purposes it may be necessary to update or ... the remote PC to exit data communications software and process the upgrade ...

### System for secure controlled electronic memory updates via networks

US Pat. 6546492 - Filed Mar 26, 1999 - Ericsson Inc.

7 is for the scenario when the update server 28 only has one software/firmware level to transmit to any of the remote units 22. Under such a scenario, ...

### Method and apparatus for configuring configurable equipment with ...

US Pat. 6725260 - Filed May 10, 2000 - L.V. Partners, L.P.

28A and 28B, there is illustrated a flowchart for the process for obtaining a firmware update by scanning an MRC 1606 of a document, in response to which ...

### Method and apparatus for synchronizing firmware

US Pat. 6678741 - Filed Apr 9, 1999 - Sun Microsystems, Inc.

One such arrangement is that where a remote client computer station ... Problems may arise when a user attempts to install or update firmware on their ...

### Remote maintenance method of an information processing apparatus

US Pat. 7007077 - Filed Sep 6, 2000 - Hitachi, Ltd.

Upon receiving the firmware update program acquisition request, the remote management server 20 checks whether the communications device identification ...

### Method and apparatus of remotely updating firmware of a communication device

US Pat. 6640334 - Filed Sep 27, 1999 - Nortel Networks Limited

teaches a data modem with remote firmware update capabilities. According to Herb et al., the data modem is provided with a read only memory (ROM), ...

### Automatic firmware version upgrade system

US Pat. 6971095 - Filed Feb 20, 2001 - Fujitsu Limited

The maintenance application 100 and the **firmware update** program 104 can be ...  
a **remote** device control hardware 204 which receives a power supply (power ...

#### Hand-held video viewer and **remote** control device

US Pat. 6476825 - Filed Nov 12, 1999 - Clemens Croy

Also, the code for special or new functions may be loaded into the PTVN 200 for temporary or continuous use (software/**firmware update**). ...

#### Mechanism to safely perform system **firmware update** in logically partitioned ...

US Pat. 6834340 - Filed Mar 1, 2001 - International Business Machines Corporation

The data processing system as recited in claim, wherein the request to **update** the system **firmware** from the first logical partition is received from a **remote** ...

#### Method and apparatus for **remote update** of clients by a server via broadcast ...

US Pat. 6614804 - Filed Mar 22, 1999 - WEBTV Networks, Inc.

It also will be appreciated that a software **upgrade** may be an alternative version of **firmware** for testing purposes, eg it may be beta or field test software ...

#### High-end KVM switching system

US Pat. 6388658 - Filed Dec 2, 1999 - Cybex Computer Products Corp.

**Remote Firmware Update** Advantageously, all programmable electronic devices may be reprogrammed or updated from a **remote** location. ...

#### Method for collecting data using compact internetworked wireless integrated ...

US Pat. 6735630 - Filed Oct 4, 2000 - Sensoria Corporation

This WINS NG application permits **remote** scheduled, verified 25 **upgrade** and repair of digital system **firmware**. In addition to eliminating recalls that ...

#### Automatic data collection device having a network communications capability

US Pat. 6539422 - Filed May 3, 1999 - Intermecc IP Corp.

Thus, back up/restore, **firmware upgrade**, application installation and other ...  
A **remote** system administrator, such as a system administrator at the **remote** ...

#### Redundant updatable self-booting **firmware**

US Pat. 6560703 - Filed Apr 18, 2000 - International Business Machines Corporation

In this case, a **firmware update** fault would result in a working boot sector, ...  
be coupled to devices operated by the microprocessor 12, a **remote** bus 17, ...

#### Modem with **firmware upgrade** feature

US Pat. 6928108 - Filed Oct 10, 2001 - Multi-Tech Systems, Inc.

Next, the **remote** PC sends an AT11 command. The AT11 compares it to the checksum ... 11A is run in poses it may be necessary to **update** or reprogram the boot ...

#### System and method for performing **remote** BIOS updates

US Pat. 6732267 - Filed Sep 11, 2000 - Dell Products L.P.

According to one 45 embodiment, **remote** system 102 follows Intel IA-64 architecture, and partition 138 is an Extensible **Firmware** Interface (EFI) partition. ...

#### Method and apparatus for internetworked wireless integrated network sensor ...

US Pat. 6859831 - Filed Oct 4, 2000 - Sensoria Corporation

This WINS NG application permits **remote** scheduled, verified 25 **upgrade** and repair



of digital system **firmware**. In addition to eliminating recalls that ...

Method and system for automatic **firmware** updates in a portable hand-held device

US Pat. 6754895 - Filed Apr 26, 2001 - Palm Source, Inc.

In this embodiment, an **update** application is transferred from a first PID 12 to a second PID 14 in order to implement the automatic **firmware** updates. ...

Apparatus for internetworked hybrid wireless integrated network sensors (WINS)

US Pat. 6826607 - Filed Oct 4, 2000 - Sensoria Corporation

This WINS NG application permits **remote** scheduled, verified 25 **upgrade** and repair of digital system **firmware**. In addition to eliminating recalls that ...

Method and apparatus for distributed signal processing among internetworked ...

US Pat. 6832251 - Filed Oct 4, 2000 - Sensoria Corporation

In addition to eliminating recalls that require **firmware upgrade**, this ultimately ... entire operating system (OS) and other software components to **remote**,... .

Automated software **upgrade** utility

US Pat. 6976062 - Filed Sep 18, 2000 - Intermec IP Corp.

The automated **upgrade** utility may reside at **remote** sites, such as the user's place of business, and periodically query the product supplier for **firmware** ...

**Remote BIOS upgrade** of an appliance server by rebooting from updated BIOS ...

US Pat. 6594757 - Filed Feb 25, 2000 - Intel Corporation

3 is a flowchart of **remote BIOS upgrade** process according an embodiment of ...  
The BIOS memory and **firmware** can support booting the Service Partition 204. ...

Methods, systems and computer program products for rule based **firmware** ...

US Pat. 6976163 - Filed Jul 12, 2000 - International Business Machines Corporation

In the latter scenario, the **remote** computer may be connected ... 1, a **firmware update** system according to embodiments of the present invention is ...

**Remote analysis** of process control plant data

US Pat. 6795798 - Filed May 10, 2001 - Fisher-Rosemount Systems, Inc.

The method of claim 1, further comprising the step of transmitting **update** information from the process plant to the **remote** data processing facility to ...

Multiplexer selecting one of input/output data from a low pin count ...

US Pat. 6718407 - Filed Sep 30, 1999 - Intel Corporation

**Remote** programming by a host processor 30 requires an interface with the host to ... By incorporating the self-**update** controller to control the **firmware** ...

Method, system, and program for **remote** copy in an open systems environment

US Pat. 6526419 - Filed Jun 9, 2000 - International Business Machines Corporation

In further embodiments, an **update** from a host to one storage area in the primary site ... Preferred embodiments provide a methodology for allowing a **remote** ...

Method for configuring a piece of equipment with the use of an associated ...

US Pat. 6792452 - Filed May 10, 2000 - L.V. Partners, L.P.

... the same generic MRC 3406 (indicating a **firmware update**) attached thereto.  
... a **remote** location on the network and an association stored at the **remote** ...

### Remote communications server system

US Pat. 6359894 - Filed Dec 23, 1999 - Multi-Tech Systems, Inc.

The **firmware** addresses the various cards in the system and the devices on ...  
If the boot detects a Flash **update** start sequence, the boot code will begin ...

### Dynamic bandwidth monitor and adjuster for remote communications with a ...

US Pat. 6564104 - Filed Dec 20, 2000 - Medtronic, Inc.

The ability to **update** control system software and hardware at a central location  
is also provided, as well as the ability to **upgrade** the **firmware** or ...

### Automatic configuration of equipment software

US Pat. 6704864 - Filed May 10, 2000 - L.V. Partners, L.P.

47 48 to a specific device ID 3704 (of a piece of equipment 3400) **remote** ...  
One or more 3406 (indicating a **firmware update**) attached thereto. transaction ...

### Apparatus and method for seamlessly upgrading the firmware of an intelligent ...

US Pat. 6813571 - Filed Aug 15, 2001 - Power Measurement, Ltd.

This allows the customer FIG- 7 is a flow chart representation of an alternate  
way to **upgrade** the **firmware** in their device. Reasons for upgrad- 3J to ...

### System and method providing distributed welding architecture

US Pat. 6624388 - Filed Jan 25, 2001 - The Lincoln Electric Company

The configuration object 458 receives the data and proceeds to **upgrade** or modify  
the controller **firmware** 472, program 476, and/or operator pro- cedures 490 ...

### Method and apparatus for updating new versions of firmware in the background

US Pat. 6944854 - Filed Nov 30, 2000 - International Business Machines Corporation

Currently, the operating system cannot be loaded until this **firmware update** is  
finished. Thus, the user may have to wait an hour or more before the system ...

### Method for collecting and processing data using internetworked wireless ...

US Pat. 7020701 - Filed Oct 4, 2000 - Sensoria Corporation

This WINS NG application permits **remote** scheduled, verified 40 **upgrade** and repair  
of digital system **firmware**. In addition to eliminating recalls that ...

### System and method for updating firmware

US Pat. 7055148 - Filed Dec 7, 2000 - Hewlett-Packard Development Company, L.P.

The computer system of claim 11, wherein the **firmware update** logic and the ...  
to a **remote** system whether the **firmware** revision can successfully **upgrade** the ...

### Remote data facility prefetch

US Pat. 6557079 - Filed Dec 20, 1999 - EMC Corporation

The nonvolatile memory stores **firmware** 68 and parameter data in a parameter ...  
in particular caching **update** information provided by the host interface 28 ...

### Online control of a multiprocessor computer system

US Pat. 6681282 - Filed Aug 31, 2000 - Hewlett-Packard Development Company, L.P.

It is dependent upon the Server Management **Firmware** for: Loading Retrieving ...  
**Firmware Update** Platform Debug Utility Initialization The Server Management ...

### Wireless game control system

US Pat. 6684062 - Filed Oct 25, 2000 - Eleven Engineering Incorporated

A system as in claim 1 that allows for the **upgrade** of the **firmware** of the ...  
A radio frequency wireless system for **remote** operation of an electronic game ...

#### Wireless roadway monitoring system

US Pat. 6662099 - Filed May 22, 2001 - Massachusetts Institute of Technology  
For example, if two sensors 10 communicating with the same **remote** ... such as  
during a **firmware upgrade**, could be negotiated during the routinely occurring ...

#### Apparatus for interconnecting local area network workstations to an ...

US Pat. 6425013 - Filed Jan 7, 1999 - Nortel Networks Limited  
The mechanism for **firmware upgrade** using a **remote** LAN PC is shown in FIG. 2. ...  
The "UPDATE" action of the interactive control program facilities properly ...

#### Integrated internet/intranet camera

US Pat. 6930709 - Filed Dec 3, 1998 - PENTAX of America, Inc.  
Accordingly, a user may view and/or change any of the variables or parameters in  
the menu/storage structure, or even **update** the entire **firmware** set or parts ...

#### Remote computer communication

US Pat. 6538996 - Filed Apr 25, 2000 - Enterasys Networks, Inc.  
Depending on which of these Internet necessary to install the new **firmware**.  
addresses are accessible from **remote** computer 100, pre- If prescriber 560 is ...

#### Method and system for master to master communication in control systems

US Pat. 6744771 - Filed Jun 9, 1999 - AMX Corporation  
2) is used to **update** the software and **firmware** 57 on master controller 28. ...  
to a **remote** master controller distinct from said first master controller. 8. ...

#### Combining computer programs

US Pat. 7065531 - Filed Mar 12, 2002 - Hewlett-Packard Development Company, L.P.  
The **remote** devices 140 and 150 resource program 116 is stored at byte 3000001 in  
... For example, the **firmware update** file is ing the MP program 118 and the ...

#### Computer system having **remote** wake-up function and **remote** wake-up method thereof

US Pat. 6366957 - Filed Mar 5, 1999 - Samsung Electronics Co., Ltd.  
An operator can use the supervisory computer system to **update** the software ...  
FOR SECURE REMOTE PROGRAMMING OF FIRMWARE AND CONFIGURATIONS OF FIRMWARE AND ...

#### Method for updating a printer **firmware**

US Pat. 6467087 - Filed Dec 16, 1999 - Destiny Technology Corporation  
Using the method, the users can self- **update** the **firmware** of the printer, ...  
1 shows printer **firmware** flows from a **remote** server to a printer when updating ...

#### Information network interrogation of an implanted device

US Pat. 6480745 - Filed Dec 18, 2000 - Medtronic, Inc.  
The ability to **update** 35 control system software and hardware at a central location  
is also provided, as well as the ability to **upgrade** the **firmware** or ...

#### Video eavesdropping and reverse assembly to transmit video action to a ...

US Pat. 6476854 - Filed Oct 18, 1996 - Compaq Information Technologies Group, L.P.  
The video display of the **remote** computer C is available to the local computer  
190 from power up. Special system **firmware** provides the **remote** console ...

Goooooooooogle ▶

Result Page:    [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#)    [Next](#)

remote firmware (update OR upgrade)

Search Patents

[Google Patent Search Help](#) | [Advanced Patent Search](#)

[Google Home](#) - [About Google](#) - [About Google Patent Search](#)

©2007 Google



(firmware OR software) update server public k

Search Patents

[Advanced Patent Search](#)  
[Google Patent Search](#)

Filing date

☐ Return patents filed anytime

☒ Return patents filed between Jan ▾ 1970 ▾ and Mar ▾ 2002 ▾

## Patents

Patents 1 - 50 on (firmware OR software) update server public key. (0.17 seconds)

System for secure controlled electronic memory updates via networks [Sort by relevance](#) | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)

US Pat. 6546492 - Filed Mar 26, 1999 - Ericsson Inc.

If the **public key** is not contained in the database of the **update server** 28, ...  
however, the message will contain the current **software/firmware** level of the ...

Method and apparatus for obtaining status of public key certificate updates

US Pat. 6442688 - Filed Aug 29, 1997 - Entrust Technologies Limited

For example, the end-user cryptographic **software** may be the Entrust/Client ...

The **server** 12, after receiving the **public key update** subscription information ...

Digital wireless telephone system for downloading software to a digital ...

US Pat. 6587684 - Filed Jul 28, 1998 - Bell Atlantic Nynex Mobile

If the transmitted security **key** does not match the stored secret **key** in step

.... The **update server** 26 initiates a secure link in step 172 and sends a menu ...

Computer-based communication system and method using metadata defining a ...

US Pat. 6088717 - Filed Aug 31, 1998 - OneName Corporation

If the **software** company objects 1310 can use **update** control to change they ...

It may also use a large **public key** or keys that are publicly verifiable via ...

Method and apparatus for synchronizing firmware

US Pat. 6678741 - Filed Apr 9, 1999 - Sun Microsystems, Inc.

Y of particular **software** from a particular **firmware** computer or **server**. ...

The client (ie HID) is provided with a **public key** associated with the private ...

Computer-based communication system and method using metadata defining a ...

US Pat. 5862325 - Filed Sep 27, 1996 - Intermind Corporation

Only after the authentication service object 1310 has verified the signature of

its **update** will it inherit its new **public key**. ...

Computer-based communication system and method using metadata defining a ...

US Pat. 6345288 - Filed May 15, 2000 - OneName Corporation

Only 20 after the authentication service object 1310 has verified the signature

of its **update** will it inherit its new **public key**... .

Automatic updating of diverse software products on multiple client computer ...

US Pat. 6151643 - Filed Jun 7, 1996 - Networks Associates, Inc.

The client computer 101 also verifies that the **software update** files are not  
corrupted. ... such as **public key** systems supporting digital signatures, ...

Method for identifying and obtaining computer software from a network computer

US Pat. 6049671 - Filed Apr 18, 1996 - Microsoft Corporation

**Software** sent from a **server** application on a **server** 50 computer or from an **update**  
... by the network browser 110 decrypts with a **public** RSA decryption **key**,... .

System and method for modifying **software** residing on a client computer that ...

US Pat. 6457076 - Filed Sep 13, 2000 - Networks Associates Technology, Inc.

The client computer 101 also verifies that the **software update** files are not  
corrupted. ... such as **public key** systems supporting digital signatures, ...

**Public key** cryptography based security system to facilitate secure roaming ...

US Pat. 6317829 - Filed Jun 19, 1998 - Entrust Technologies Limited

3, the security management **server** includes a decryption private **key** generator  
... device may **update** per user security data for the **public** repository unit. ...

Method for the secure distribution of electronic files in a distributed ...

US Pat. 5638446 - Filed Aug 28, 1995 - Bell Communications Research, Inc.

Therefore, if "**public key**" cryptography as disclosed and implemented by another  
... bilateral communication. party user of the **software update** has no way of ...

Method and system for protecting a computer using a remote e-mail scanning ...

US Pat. 6701440 - Filed Jan 6, 2000 - Networks Associates Technology, Inc.

One **key** is a **public key** that the user disseminates to those from whom the user  
... POP E-Mail Service **Server** 104 After a new user account is created via the ...

Object-based on-line transaction infrastructure

US Pat. 6757710 - Filed Feb 5, 2002 - OneName Corporation

Only 20 after the authentication service object 1310 has verified the signature  
of its **update** will it inherit its new **public key**... .

Universal access multimedia data network

US Pat. 6101182 - Filed Nov 25, 1997 - Bell Atlantic Network Services, Inc.

This may advantageously be in the form of a **public key** encryption and ...  
Following the IP "Accept" a DNS **Update** occurs. The DHCP **server** informs the DNS ...

Universal access multimedia data network

US Pat. 5790548 - Filed Apr 18, 1996 - Bell Atlantic Network Services, Inc.

8 which of a **public key** encryption and authentication using MD5 in a, e absence  
of another **update**. the DHCP packet This architecture permits the user to ...

System and method for monitoring **software**

US Pat. 6799277 - Filed Mar 27, 2001 - z4 Technologies, Inc.

An appropriate web **server** may then be used to administer the **update** process as  
... The **public key** is preferably stored within the executable code of the ...

Computer security

US Pat. 6298445 - Filed Apr 30, 1998 - Netect, Ltd.

The authenticity of the **software** enhancement works for either an **update** or a new  
... The fifth module 90 uses a **key** distribution center or a **public key** to ...

Universal access multimedia data network

US Pat. 6452925 - Filed Jun 26, 2000 - Verizon Services Corp.

This may advantageously be in the form of a **public key** encryption and ...  
Following the IP "Accept" a DNS **Update** occurs. The DHCP **server** informs the DNS ...

#### Sender driven certification enrollment system

US Pat. 6651166 - Filed Apr 9, 1998 - Tumbleweed Software Corp.

The recipient **software** component, upon retrieval of the **public key** 32 for the  
... The certificate **server** 88 also 65 includes **update** ability, which allows a ...

#### Method and apparatus for licensing computer programs using a DSA signature

US Pat. 6078909 - Filed Nov 19, 1997 - International Business Machines Corporation

The **server** machine contains the necessary structures and data to allow the ...  
The **public key** is distributed with the **software** to be licensed while the ...

#### Methods, systems and computer program products for rule based firmware ...

US Pat. 6976163 - Filed Jul 12, 2000 - International Business Machines Corporation

The signature of the first certificate in the chain is then decrypted utilizing  
the **public key** available to the **update** program (block 452). ...

#### Electronic transfer system and method

US Pat. 5870473 - Filed Dec 14, 1995 - CyberCash, Inc.

Application data structure is also used to determined whether an **update** to customer  
... Field 215A contains an RSA **public key** for **server** computer 100. ...

#### NIS+ password update protocol

US Pat. 5734718 - Filed Jul 5, 1995 - Sun Microsystems, Inc.

The Password **Update** Process In NIS+, passwords are stored in a password ...  
Next, as shown at block 66, the **server's public key** Pd is obtained from the ...

#### Technique for automatically updating software stored on a client computer in ...

US Pat. 6167567 - Filed May 5, 1998 - 3Com Corporation

8, in addition to depicting the modules shown in ration sub-key 1250 shown in FIG.  
.... In response to this request, FTP **server** 82 access, as **update**... .

#### Method and apparatus for controlling access to confidential data by ...

US Pat. 6438666 - Filed Sep 25, 1998 - Hughes Electronics Corporation

The first applet contains the "**public key**" of the **key server** 120, although it is  
not really publicly known. The hardware random source 130 is used to **update** ...

#### Auditing method and system for an on-line value-bearing item printing system

US Pat. 6868406 - Filed Oct 16, 2000 - Stamps.Com

If there is newer Client **Software**, the Auto **Update Server** downloads the new  
patches to the user ... The module returns a package and the meter's **public key**,... .

#### Method and apparatus for password based authentication in a distributed system

US Pat. 6094721 - Filed Oct 31, 1997 - International Business Machines Corporation

The method of claim 10 wherein step (a) comprises the c. **update** logic configured  
to provide a current **key** iden- step of: tifier to the **server** process, ...

#### INTERNET-BASED METHOD OF AND SYSTEM FOR MONITORING SPACE-TIME COORDINATE ...

US Pat. 6677858 - Filed May 30, 2000 - Reveo, Inc.

2, the game **server**, as well as the game **server's public key** for method for the  
... and synchronizing the client machine display **update** cycle in machine 160, ...

#### Method for the secure remote flashing of a BIOS memory

US Pat. 6009524 - Filed Aug 29, 1997 - Compact Computer Corp  
Finally, HUB1 generates a reset to boot to the new flash **firmware update**. ...  
One **public key** will correspond to a private **key** known only to the vendor, ...

#### Method and apparatus for obtaining status of **public key** certificate updates

US Pat. 7073057 - Filed Dec 4, 2001 - Entrust Limited  
The **server** 12 mation 30 to the **server** 12. (which may also be referred to as a  
certification authority or If the user provided the **public key update** ...

#### Security improvement method and security system

US Pat. 6711264 - Filed Oct 8, 1999 - Fujitsu Limited  
The memorizer 2 stores a **public key** and a private **key** of the user. ... and the  
**key update** property are granted or granted to the user, if the client **server** ...

#### Secure wireless electronic-commerce system with digital product certificates ...

US Pat. 6223291 - Filed Mar 26, 1999 - Motorola, Inc.  
The user connects the web **server** 16 (or 1-800 number), ... EXAMPLE 3 **Software**  
Patch **Update** A **software** patch is issued to the field to be installed in an ...

#### Apparatus for providing a secure processing environment

US Pat. 6385727 - Filed Sep 25, 1998 - Hughes Electronics Corporation  
The first applet contains the "**public key**" of the **key server** 120, although it is  
not really publicly known. The hardware random source 130 is used to **update** ...

#### Method and apparatus for secure distribution of information recorded of ...

US Pat. 6499106 - Filed Jan 15, 1999 - Sony Corporation  
A DNS is a **server** used on the Internet to map a domain name to an Internet ...  
However, the third party user of the **software update** has no way of knowing ...

#### Internet-based system for enabling a time-constrained competition among a ...

US Pat. 6659861 - Filed May 26, 2000 - Reveo, Inc.  
11 12 login request from the client machine to the login **server**, a connection with a  
... 4F2 is a flowchart describing in greater detail a **public key**, ...

#### Internet-based automatic publishing system

US Pat. 5727156 - Filed Apr 10, 1996 - HotOffice Technologies, Inc.  
The response from the **server** might be dependent on the client version and/or ...  
GKEY—the client uses this message as part of a **public key** exchange for use ...

#### Mechanism for facilitating secure storage and retrieval of information on a ...

US Pat. 6141752 - Filed May 5, 1998 - Liberate Technologies  
The relationship **server** 111 delivers these ISP name/ **public key** certificates ...  
before allowing the ISP 109 to **update** the contents of the smart card 102. ...

#### Secure wireless electronic-commerce system with wireless network domain

US Pat. 6463534 - Filed Mar 26, 1999 - Motorola, Inc.  
The user connects the web **server** 16 (or 1-800 number), ... 8 EXAMPLE 3 **Software**  
Patch **Update** A **software** patch is issued to the field to be installed in an ...

#### System, method and article of manufacture for a modular gateway **server** ...

US Pat. 6002767 - Filed Jun 17, 1996 - Verifone, Inc.  
This is a standard model of distribution of **software** that is customized for ...



the merchant's **public key** certificates are uploaded to the Test Gateway, ...

#### Electronic authority server

US Pat. 6073242 - Filed Mar 19, 1998 - Agorics, Inc.

**Public key** cryptography is effective when used by a small number of parties, ...  
change their addresses, **update** their **software**, or replace their keys, ...

#### Method and apparatus for secure distribution of information recorded on ...

US Pat. 6832318 - Filed Jan 15, 1999 - Sony Corporation

A DNS is a **server** used on the Internet to map a domain name to an Internet ...  
However, the third 55 party user of the **software update** has no way of knowing ...

#### Access control and authorization system

US Pat. 6490680 - Filed Dec 4, 1998 - TecSec Incorporated

Also, periodically, the Policy 10 Manager can **update** the Maintenance Split, ...  
The Credential Manager **software** will record this **public key** in the database ...

#### Public network merchandising system

US Pat. 5825881 - Filed Jun 28, 1996 - Allsoft Distributing Inc.

Both the client and the master **key server update** their respective secured keys  
... The store manager has a special **software** package that has the ability to ...

#### Mechanism for users with internet service provider smart cards to roam among ...

US Pat. 6108789 - Filed May 5, 1998 - Liberate Technologies

The relationship **server** 111 delivers these ISP name/ **public key** ... an ISP 109  
is required before allowing the ISP 109 to **update** the contents of the smart ...

#### Method for identifying and obtaining computer **software** from a network ...

US Pat. 6256668 - Filed Oct 9, 1998 - Microsoft Corporation

In addition, 5 local computer to install the grouping of **software** at the ...  
application on a **server** prides: computer or from an **update** service in a secure, ...

#### Determining program **update** availability via set intersection over a sub ...

US Pat. 6151708 - Filed Dec 19, 1997 - Microsoft Corporation

Further, it is expected that some or all of the communications between client  
and **server** may be encrypted using well known **public key** encryption or the like ...

#### Method and system for binding enhanced **software** features to a persona

US Pat. 6891953 - Filed Jun 27, 2000 - Microsoft Corporation

It at step 134, download servers 76 (the fulfillment **server** 84 should have a list  
of all installed ... If so, then extension DLL 78 to **update** the cache. ...

#### Agent based instruction system and method

US Pat. 6427063 - Filed Nov 22, 1999 - Finali Corporation

If the **server** responds that this **software** is not registered or authorized, ...  
A student's **public key** can be stored on the ABI system which processes ...

#### Mechanism for dynamically binding a network computer client device to an ...

US Pat. 6112305 - Filed May 5, 1998 - Liberate Technologies

13 The relationship **server** 111 delivers these ISP name/ **public key** ... is required  
before allowing the ISP 109 to **update** the contents of the smart card 102. ...

Goooooooooooooogle ►

Result Page:    [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)    [Next](#)

(firmware OR software) update server public	<a href="#">Search Patents</a>
---	--------------------------------

[Google Patent Search Help](#) | [Advanced Patent Search](#)

[Google Home](#) - [About Google](#) - [About Google Patent Search](#)

©2007 Google



(firmware OR software) update manager public

Search Patents

[Advanced Patent Search](#)  
[Google Patent Search](#)

Filing date

☐ Return patents filed anytime

☒ Return patents filed between Jan ▾ 1970 ▾ and Mar ▾ 2002 ▾

## Patents

Patents 1 - 50 on (firmware OR software) update manager public key. (0.37 seconds)

Method and apparatus for obtaining status of public key certificate updates      [Sort by relevance](#) | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)

US Pat. 6442688 - Filed Aug 29, 1997 - Entrust Technologies Limited

The **public key** certificate **update** subscription information identifies at least ... authority or 45 **manager**, such as the **entrust/manager software** produced by ...

### Access control and authorization system

US Pat. 6490680 - Filed Dec 4, 1998 - TecSec Incorporated

Also, periodically, the Policy 10 **Manager** can **update** the Maintenance Split, ...

The Credential **Manager software** will record this **public key** in the database ...

### Public network merchandising system

US Pat. 5825881 - Filed Jun 28, 1996 - Allsoft Distributing Inc.

This store **manager software** package is also password protected. ... "command" which tells the master **key** server that this is a **key update** handshake message ...

### Technique for automatically updating software stored on a client computer in ...

US Pat. 6167567 - Filed May 5, 1998 - 3Com Corporation

8, in addition to depicting the modules shown in ration sub-**key** 1250 shown ...

In any event, once version **manager** 615 issues pages for the **update** from web ...

### Method and apparatus for controlling client computer systems

US Pat. 6381631 - Filed Jun 3, 1999 - Marimba, Inc.

This 3Q may include the name of the user and a **public key** of the user. ...

Client **manager** 240 requests files or **update** instructions (including instructions ...

### Agent based instruction system and method

US Pat. 6427063 - Filed Nov 22, 1999 - Finali Corporation

A student's **public key** can be stored on the ABI system which processes ...

In the Server system, MUS is a component function of the System **Manager Software**... .

### Secure online music distribution system

US Pat. 6385596 - Filed Feb 6, 1998 - Liquid Audio, Inc.

If the voucher ID is verified, the content **manager** 112 15 encrypts 954 the song's media **key** with the **public key** of the media player 116. ...

### System and method for securely utilizing basic input and output system (BIOS ...

US Pat. 6148387 - Filed Jun 18, 1999 - Phoenix Technologies, Ltd.

A **public key** is usually published in the form of a digital "certificate". ...

it uses the function codes of the face (RAPI) 1550 to access or **update** data ...

### System and method for access control for portable data storage media

US Pat. 5457746 - Filed Dec 19, 1994 - Spyrys, Inc.

After these attributes are determined by the publisher, the premastering **software** will **update** the publisher **key** database 42 with these parameters. ...

Method and apparatus for obtaining status of **public key** certificate updates

US Pat. 7073057 - Filed Dec 4, 2001 - Entrust Limited

When a change occurs to the **public key** certificate FIG. ... the **public key** **update** subscription 30, **manager**, such as the entrust/**manager software** produced by ...

Electronic document delivery system in which notification of said electronic ...

US Pat. 5790790 - Filed Oct 24, 1996 - Tumbleweed Software Corporation

The system can also help the user generate a **public key** for BFD-use only, and 30 **update** user account information with it, so that the sender does not have ...

Computer security system and method with on demand publishing of certificate ...

US Pat. 6128740 - Filed Dec 8, 1997 - Entrust Technologies Limited

The interface 26 receives the on-demand **update** request data 32 and prompts the security ... authority **public key** as known in the art, as shown in block 72. ...

Secure wireless electronic-commerce system with digital product certificates ...

US Pat. 6223291 - Filed Mar 26, 1999 - Motorola, Inc.

Enrollment is the process by which a user **public key** is certified in a ... the user to create a WIM **software** token to be used to initialize a new WIM card. ...

Method for performing group exclusion in hierarchical group structures

US Pat. 5220604 - Filed Sep 28, 1990 - Digital Equipment Corporation

This mail may be interpreted to add, **update**, or remove the affected hints. ... The smart card now signs a message containing the nonce and **public key** ...

Electronic authority server

US Pat. 6073242 - Filed Mar 19, 1998 - Agorics, Inc.

**Public key** cryptography is effective when used by a small number of parties, ... change their addresses, **update** their **software**, or replace their keys, ...

Secure online music distribution system

US Pat. 6868403 - Filed Mar 9, 2000 - Microsoft Corporation

If the voucher ID is verified, the content **manager** 112 encrypts 954 the song's media **key** with the **public key** of the media player 116. ...

Secure wireless electronic-commerce system with wireless network domain

US Pat. 6463534 - Filed Mar 26, 1999 - Motorola, Inc.

Enrollment is the process by which a user **public key** is certified in a ... the user to create a WIM **software** token to be used to initialize a new WIM card. ...

Key-based technique for assuring and maintaining integrity of firmware ...

US Pat. 6052803 - Filed Sep 26, 1997 - 3Com Corporation

The secondary router, in turn, will inform Bandwidth **Manager** process 453 accordingly ... PPP daemon process 440 will suitably **update** an entry in SBRT 446 to ...

Encryption and authentication methods and apparatus for securing telephone ...

US Pat. 6266418 - Filed Oct 28, 1999 - L3-Communications Corporation

The negotiation signaling also allows the scss to chose the **public key** modulus size ... a **key manager** that generates first **key** material for encrypting the ...

Determining program **update** availability via set intersection over a sub ...

US Pat. 6151708 - Filed Dec 19, 1997 - Microsoft Corporation

Further, it is expected that some or all of the communications between client and server may be encrypted using well known **public key** encryption or the like ...

Apparatus for distributing subscription and on-demand audio programming

US Pat. 5557541 - Filed Jul 21, 1994 - Information Highway Media Corporation

This can be accomplished by use of any known data encryption scheme, such as a **public key** system (eg RSA), where the subscriber's system is registered to ...

System and method for delivering financial services

US Pat. 5933816 - Filed Aug 7, 1997 - Citicorp Development Center, Inc.

The crypto man component 75 manages secret keys associated with external service providers and performs authentication of **public key** certificates. ...

System for distributing subscription and on-demand audio programming

US Pat. 5572442 - Filed Jul 21, 1994 - Information Highway Media Corporation

This can be accomplished by use of any known data encryption scheme, such as a **public key** system (eg RSA), where the subscriber's system is registered to ...

Access control subsystem and method for distributed computer system using ...

US Pat. 5173939 - Filed Oct 28, 1991 - Digital Equipment Corporation

Alternately, **public key** encryption techniques could be used to secure the ...

It is much simpler to **update** one membership list 120 than to **update** the access ...

System and method for access data control

US Pat. 5703951 - Filed Jun 7, 1995 - Spyryus, Inc.

The encryp- has \*e option to apply a cryptographic **update** process to mis ...

The microprocessor can be an off the shelf The **key manager** or data base 42 (see ...

Methods and apparatus for internet based financial transactions with ...

US Pat. 6233565 - Filed Feb 13, 1998 - Saranac Software, Inc.

When the **software** is executed, the 5 cryptographic module 14 enters the ... private **key** and then verify the signature of this quantity using the **public key**... .

System for enabling lazy-revocation through recursive **key** generation

US Pat. 7203317 - Filed Oct 31, 2001 - Hewlett-Packard Development Company, L.P.

The **manager** module 410 may be configured to **update** the metadata of the previous ... of said file by applying a **public key** to said new version of said **key**. ...

System and method for secure provisioning and configuration of a transaction ...

US Pat. 6877093 - Filed Jun 6, 2000 - Commerçant, L.P.

Additionally, or in the alternative, the configuration data may be encrypted with the previously extracted **public key** of the transaction processing 10 ...

System and method for suspending and resuming digital certificates in a ...

US Pat. 6775782 - Filed Mar 31, 1999 - International Business Machines Corporation

Transaction data **manager** 411 is responsible for managing ... 401 is instructed to generate a **public/private key** pair and to return the **public key** to ...

Personal online banking with integrated online statement and checkbook user ...

US Pat. 5903881 - Filed Jun 5, 1997 - Intuit, Inc.

**Software Architecture** Referring now to FIG. 14, there is shown a model of the ... A **public key** encryption utility provides **public key** encryption for ...

System for remote loading of objects or files in order to **update software**

US Pat. 6240550 - Filed Sep 1, 1998 - Touchtunes Music Corporation  
Remote control assembly (31) allows the **manager** from, eg, behind the bar, to access and control various commands such as: the microphone on-off control; ...

Electronic-monetary system

US Pat. 5453601 - Filed Nov 15, 1991 - Citibank, N.A.  
In the preferred embodiment, the Network 25 will also provide directories of financial services, and **update** the money module clocks and 5Q the bad money ...

Interface for ensuring system boot image integrity and authenticity

US Pat. 6560706 - Filed Jan 21, 1999 - Intel Corporation  
The authorization check is optional and compares a **public key** in the manifest to the **public key** stored in the Remote-Boot Authorization Certificate. ...

System and method for securely utilizing basic input and output system (BIOS ...

US Pat. 6892304 - Filed Oct 3, 2000 - Phoenix Technologies Ltd.  
A **public key** is usually published in the form of a digital "certificate". ...  
Programming Interface (RAPI) 1550 to access or **update** data located in BIOS ...

Electronic-monetary system

US Pat. 5455407 - Filed Jan 27, 1995 - Citibank, N.A.  
In the preferred embodiment, the Network 25 will also provide directories of financial services, and **update** the money module clocks and the bad money module ...

Determining **update** availability via set intersection over a sub-optimal pathway

US Pat. 6789255 - Filed Sep 26, 2000 - Microsoft Corporation  
Further, it is expected that some or all of the communications between client and server may be encrypted using well known **public key** encryption or the like ...

Authentication and entitlement for users of web based data management programs

US Pat. 6587836 - Filed Sep 24, 1998 - WorldCom, Inc.  
Further functionality integrated into the **software** architecture includes applications such as Outbound Network **Manager**, Call **Manager**, Service Inquiry and ...

Multi-tier digital TV programming for content distribution

US Pat. 6834110 - Filed Dec 10, 1999 - International Business Machines Corporation  
A store **manager** application (not shown) in Broadcast Center(s) 1802 is used to ... As part of the installation, a **Public/Private Key** 661 pair is created for ...

Method for the secure remote flashing of a BIOS memory

US Pat. 6009524 - Filed Aug 29, 1997 - Compact Computer Corp  
This avoids the common problem where users "upgrade" to obsolete **software**.  
For system initialization, overwriting of the administrator's **public key** in the ...

Compound principals in access control lists

US Pat. 5315657 - Filed Sep 28, 1990 - Digital Equipment Corporation  
This mail may be interpreted to add, **update**, or remove the affected hints. ...  
another nonce, a **public key**, and the certificates retrieved from the naming ...

#### Apparatus and method for secure transacting

US Pat. 6122625 - Filed Feb 18, 1998 - Citibank, N.A.

The sign-on will be initiated by the money module **Session Manager 31**, ...  
also provide directories of financial services, and **update** the money module clocks ...

#### System and method for updating security information in a time-based ...

US Pat. 5898154 - Filed Jan 11, 1995 - Citibank, N.A.

In the preferred 30 embodiment, the Network 25 will also provide directories of financial services, and **update** the money module clocks and the bad money ...

#### Java printer

US Pat. 6628413 - Filed May 14, 1997 - Ricoh Company, Ltd.

4 and 5 are schematic illustrations of a queue **manager** for controlling printing  
... Secure Socket Layer, **Public Key** Encryption, Symmetric **Key** Encryption, ...

#### Methods and apparatus for network-enabled virtual printing

US Pat. 6598087 - Filed Sep 8, 1999 - GE Capital Commercial Finance, Inc.

Other known authentication techniques, eg, **public key**—private **key** based ...  
data from flat files from various systems in order to **update** a database. ...

#### Secure access method and system

US Pat. 7110982 - Filed Aug 27, 2001 - DPHI Acquisitions, Inc.

Block 4004 provides that auto-run handler 4104, or a Content **Manager**,...  
the circuitry and/or writing the code for the **software** or **firmware** would be well ...

#### Encryption process including a biometric unit

US Pat. 7111173 - Filed Sep 1, 1999 - Tecsec, Inc.

With the appropriate Credential **manager's public key**, all of which are contained  
in each user's credentials, the certificate may be decrypted to recover the ...

#### System and method for connecting money modules

US Pat. 6047887 - Filed Mar 16, 1998 - Citibank, N.A.

17 backed by demand deposits, or credit authorizations—and digitally signs  
these "electronic notes 11" using **public key** cryptography in conjunction with its ...

#### Method and system for banking institution interactive center

US Pat. 6073119 - Filed Dec 3, 1997 - Citicorp Development Center, Inc.

The Report **Manager** category contains all functions relating to creating and ...  
and 2) **update** list by downloading new lists from service or by entering ...

#### E-service to manage and export contact information

US Pat. 6633311 - Filed Feb 18, 2000 - Hewlett-Packard Company, L.P.

Select **Update** to save the new privacy level. Now, whenever your new **manager**  
accesses your Card, she will see all information you have designated as **public**, ...

#### Software system generation

US Pat. 6314555 - Filed Aug 25, 1998 - British Telecommunications public limited company

6, the **manager** agent of Shop 1 (Agent A1) has two assistants, Agents B1 and C1;  
whilst the **manager** agent of Shop 2 (Agent A2) has three assistants Agents B2 ...



Result Page: 1 2 **Next**

(firmware OR software) update manager publ Search Patents

[Google Patent Search Help](#) | [Advanced Patent Search](#)

[Google Home](#) - [About Google](#) - [About Google Patent Search](#)

©2007 Google





(firmware OR software) update manager

Search Patents

[Advanced Patent Search](#)  
[Google Patent Search](#)

Filing date

☐ Return patents filed anytime

☒ Return patents filed between Jan ▾ 1970 ▾ and Mar ▾ 2002 ▾

## Patents

Patents 1 - 50 on (firmware OR software) update manager. (0.25 seconds)

### Software update manager

[Sort by relevance](#) | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)

US Pat. 6282709 - Filed Nov 12, 1997 - Philips Electronics North America Corporation  
The **software update manager** 12 can be configured to support ... Next at step 306,  
**software update manager** 12 determines if the selected **software** component ...

### Method of synchronizing independently distributed **software** and database schema

US Pat. 6324693 - Filed Aug 17, 1999 - Siebel Systems, Inc.

**Update** Processing FIG. 3 depicts steps performed by an **update manager** 31 such  
... for rollback in the event of **software** or hardware failure, and the like. ...

### Method of upgrading a **software** application in the presence of user modifications

US Pat. 6367077 - Filed Aug 19, 1999 - Siebel Systems, Inc.

**Update** Processing FIG. 3 depicts steps performed by an **update manager** 31 30 ...  
for rollback in the event of **software** or hardware failure, and the like. ...

### Durable atomic storage **update manager**

US Pat. 5469562 - Filed Jun 26, 1992 - Digital Equipment Corporation

Typically an agent A., is a component within a larger **software** system, ...  
updates to persistent storage as part of a fault tolerant **update** set ("FTX"), ...

### Durable atomic storage **update manager**

US Pat. 5481699 - Filed Mar 23, 1995 - Digital Equipment Corporation

But a system failure (eg, power supply failure) or hardware or **software** ...  
it is the function of the DASUM 14 to ensure durability of **update** information. ...

### Play list **manager**

US Pat. 6721489 - Filed Mar 8, 2000 - PhatNoise, Inc.

If in step 552 controller 320 determines that there is a **firmware update** on hard  
... In step 612, processor 302 performs the **firmware update** sequence and, ...

### Apparatus and method for synchronizing **software** between computers

US Pat. 6425126 - Filed May 19, 1999 - International Business Machines Corporation

Method 300 is performed whenever an **update** controller is informed by the **software**  
**fix manager** that a **software update** will be made, and the **software update** ...

### Automatic retrieval of changed files by a network **software agent**

US Pat. 6029175 - Filed Jun 7, 1996 - Teknowledge Corporation

Should the user type in a new Web page address and 60 then click on the checkbox  
to the left of "Alert me on source **update** for:", then the Revision **Manager** ...

### Information and advertising distribution system and method

US Pat. 5740549 - Filed Jun 12, 1995 - PointCast, Inc.

During both "administrative **update**" and "news story responding categories."  
For instance, in the category **manager** computer's local information ...

Technique for automatically updating **software** stored on a client computer in ...

US Pat. 6167567 - Filed May 5, 1998 - 3Com Corporation

Lastly, for redundancy, configuration J Here> once processor 620 has read the **update** script and **manager** 635, as shown in FIG. 6, will also store, ...

Communications involving disparate protocol network/bus and device subsystems

US Pat. 6430164 - Filed Nov 1, 1999 - Cellport Systems, Inc.

Upon receiving the new configuration or **software update**, the configuration **manager** 180 is responsible for extracting changes from the configuration in the ...

Logical volume **manager** and method having enhanced **update** capability with ...

US Pat. 5897661 - Filed Feb 25, 1997 - International Business Machines Corporation

In a programmed, general purpose digital computer having a memory and coupled to data storage devices, a logical volume **manager** having computer **software** ...

Method and system for detecting viruses on handheld computers

US Pat. 6842861 - Filed Mar 24, 2000 - Networks Associates Technology, Inc.

The **update** conduit 220 first instructs the file transfer **manager** to collect **software** information from the handheld computer ...

Multi-user flash ROM **update**

US Pat. 6279153 - Filed Jan 15, 1997 - NEC Corporation

In addition, the Viewer **Manager software** 200 also receives digitized data from a digitizer 280, which, in turn, receives digitized data from 45 stylus input ...

**Software manager** for administration of a computer operating system

US Pat. 5933646 - Filed May 10, 1996 - Apple Computer, Inc.

To provide such notification, and to **update** the configuration database to reflect environment changes, the **software manager** server 60 utilizes a collection ...

**Software** updating and distribution

US Pat. 6047129 - Filed Mar 3, 1998

... and d. **update software** on the at least one computer in accordance with the ... network **manager**, c. receive from the network **manager** an **update** procedure, ...

Method and apparatus for automatically updating **software** components on end ...

US Pat. 6009274 - Filed Jun 24, 1997 - 3Com Corporation

The mechanism is generalizable and may be used to automatically **update** any number of ... the Automatic **Software Upgrade Manager** (ASU Mgr.) is created. ...

Radio flash **update**

US Pat. 6126327 - Filed Oct 16, 1995 - Packard Bell NEC

In addition, the Viewer **Manager software** 200 also receives digitized ... The Viewer **Manager software** 20 200 uses the digitized data to provide visual ...

Distribution of **software** updates via a computer network

US Pat. 6199204 - Filed Sep 22, 1998 - International Business Machines Corporation

If at 45 close(Filehandle)' **manager** to inform him/her of the requirement for a ... The Example of **Update** Synchronisation 55 following sequence of actions ...

Method and a mechanism for synchronized updating of interoperating **software**

US Pat. 6202207 - Filed Aug 19, 1998 - International Business Machines Corporation

The required resources are the **software update** artifacts required to bring the current appli- 50 cation **software** to the new level, and the **software updates** ...

System and method for creating a substitute registry when automatically ...

US Pat. 6301710 - Filed Jan 6, 1999 - Sony Corporation

**Update** program 520 preferably includes **software** instructions that, when installed ... driver component 514(a), and a connectivity **manager** component 512(a). ...

**Software overload control method**

US Pat. 5440741 - Filed Sep 20, 1993 - Motorola, Inc.

When an input is received, the the resource **manager** 126 issues a resource **update** inventory monitor 122 determines the input type (172). notification 157 to ...

Methods, systems and computer program products for secure **firmware updates**

US Pat. 6266809 - Filed Aug 15, 1997 - International Business Machines Corporation

4a, the **update** process begins by the server determining if the network computer (NC) requires a **firmware update** (block 320). This determination may be made ...

System and method for using a substitute directory to automatically install ...

US Pat. 6408434 - Filed Jan 7, 1999 - Sony Corporation

**Update** program 520 preferably includes **software** instructions that, when installed ... a connectivity driver file 514, and a connectivity **manager** file 512. ...

Method for synchronizing plurality of time of year clocks in partitioned ...

US Pat. 6711693 - Filed Aug 31, 2000 - Hewlett-Packard Development Company, L.P.

The time for System **Software** to read or write the cation between the ... External are **Firmware Update** commands which transfer information or control to/from ...

Method and apparatus for managing **software** in a network system

US Pat. 6330715 - Filed May 19, 1998 - Nortel Networks Limited

If the process fails, NS **software manager** 220 will repeat the process until the **update** is successful. Similarly, communication protocols are not changed ...

Multiple processor system having **software** for selecting shared cache entries ...

US Pat. 5493668 - Filed Mar 30, 1992 - International Business Machines Corporation

For an **update** request, the buffer **manager** causes the local 45 buffer content to be updated (1701). A determination is then made as to whether or not the ...

**Software package management**

US Pat. 6381742 - Filed Jun 19, 1998 - Microsoft Corporation

The package **manager** checks the name and version of the **software** package ... the **update** process for the code store data structure, the package **manager** scans ...

Networked personal contact **manager**

US Pat. 6269369 - Filed Nov 2, 1997 - Amazon.Com Holdings, Inc.

The server personal contact **manager software** 343 will then use the web server ... In response to the **update**, the personal contact **manager** 343 running on the ...

Communication system for distributing such message as advertisement to user ...

US Pat. 6351745 - Filed Aug 27, 1998 - NetZero, Inc.

If the message distribution apparatus 39 determines that the **software** is to be ... When the message **manager** 24 controls sending the **update** information, ...

System for remote loading of objects or files in order to **update software**

US Pat. 6240550 - Filed Sep 1, 1998 - Touchtunes Music Corporation

The JEEP module also contains a reboot **manager** that is responsible for changing ... of objects or files in order to **update software** according to claim 1, ...

Server computer for selecting program updates for a client computer based on ...

US Pat. 5752042 - Filed Jun 7, 1996 - International Business Machines Corporation

The client 14 includes an **update manager** program 32 (including a GUI), ...

The basic system information comprises system model, pre-load **software** level. ...

Distributed management support system for **software managers**

US Pat. 4751635 - Filed Apr 16, 1986 - Bell Communications Research, Inc.

Thereafter, the **manager**, using **software** 20 resident at the workstation, ...

within planning system 51, and is then used to **update** relational database 435. ...

Apparatus and method for synchronizing **software** between computers

US Pat. 6968550 - Filed Jan 18, 2002 - International Business Machines Corporation

Method 300 is performed whenever an **update** controller is informed by the **software** fix **manager** that a **software update** will be made, and the **software update** ...

Automatic **software** installation on heterogeneous networked client computer ...

US Pat. 5742829 - Filed Mar 10, 1995 - Microsoft Corporation

The **software update** functionality performed by the centralized ... Wash., the "LAN **MANAGER**" network operating system also available from Microsoft ...

Customer billing relationships **software**

US Pat. 6337901 - Filed Oct 15, 1999 - BellSouth Intellectual Property Corporation

Account **Update** Interface 220 executes on one of the application or database servers.

Package **Manager** Interface 222 gives Customer Billing Relationships ...

**Update** mechanism for computer storage container **manager**

US Pat. 5873097 - Filed Dec 17, 1996 - Apple Computer, Inc.

20 illustrates major structures of an **update** container in persistent storage ...

to the view which the container **manager software** provides to an application ...

Separately storing core boot data and cluster configuration data in a server ...

US Pat. 6453426 - Filed Mar 26, 1999 - Microsoft Corporation

However, the cluster **software** views the mirror set storage as a single storage device and is ... A global **update manager** 90 operates to provide a global, ...

Remote password administration for a computer network among a plurality of ...

US Pat. 5611048 - Filed May 9, 1994 - International Business Machines Corporation

Generally, the **software** configuration is known as the LAN Adapter and ... ie the output data area is searched for password **update** results such as the ...

End to end simulation of a content delivery system

US Pat. 6886029 - Filed Sep 21, 2001 - Panamsat Corporation

After performing the softwareupdate command, the data 50 **manager software** may record in the database a notation as to whether or not the **update** has been ...

**Software** cache management of a shared electronic store in a simplex

US Pat. 5457793 - Filed Mar 30, 1992 - International Business Machines Corporation

For an **update** request, the **buffer manager** causes the local buffer content to be updated (620). A determination is then made as to whether or not the data is ...

#### Metering data transfer between end systems

US Pat. 6760416 - Filed Apr 27, 2000 - Hewlett-Packard Development Company, L.P.  
It may be noted that whilst in the CB 11 the address book synchronisation ('AB Sync') protocol entity 120 and the **firmware** updating ('FIW Update') protocol ...

#### Mini driver **software** architecture for a data acquisition system

US Pat. 5926775 - Filed Oct 8, 1997 - National Instruments Corporation  
Inside the mini-driver primitive, the **STC Manager** is called to determine how the **update** 65 clock was currently set up. If the **update** clock was set Up for ...

#### Modular application **software** and data providing mobility in ...

US Pat. 5826019 - Filed Jan 29, 1996 - Telefonaktiebolaget LM Ericsson  
The transaction **manager** 501 controls the process of updating transactions in response to an **update** request from the application module. ...

#### Selection of code updates, data updates or new data for client

US Pat. 6074434 - Filed Mar 7, 1997 - International Business Machines Corporation  
A code updates are actually installed, the **update manager** 32 user at client ...  
basic input output system (BIOS) **firmware**, using transport protocol (FTP). ...

#### Method and apparatus for upgrading a **software** application in the presence of ...

US Pat. 7076778 - Filed Feb 22, 2002 - Siebel Systems, Inc.  
event of **software** or hardware failure, and the like. These SQL statement that  
... An **update manager** 11 executing in central computer a particular Node 21. ...

#### Gaming terminal data repository and information distribution system

US Pat. 6645077 - Filed Dec 21, 2000 - IGT  
For instance, the event **manager** 312 may be used to monitor and distribute events  
... The second version may be a **software update** of the first version. ...

#### Method of maintaining asynchronous real-time data

US Pat. 5023832 - Filed Jan 12, 1989 - Honeywell Inc.  
If a custom **update** procedure has been specified, the specified procedure is performed (block 275), and the **software manager** then proceeds back to made ...

#### Method for dynamically updating master controllers in a control system

US Pat. 6609127 - Filed Jun 9, 1999 - AMX Corporation  
2) is used to 15 file- **update** the **software** and **firmware** 57 on master ...  
loadable object Once the **software** and/or **firmware** have been updated, the **manager** to ...

#### Database management system which synchronizes an enterprise server and a ...

US Pat. 6092083 - Filed Aug 17, 1999 - Siebel Systems, Inc.  
In step 103, the **update manager** 31 accepts from the user input 33 in the form  
... for rollback in the event of **software** or hardware failure, and the like. ...

Google

Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

(firmware OR software) update manager

Search Patents

[Google Patent Search Help](#) | [Advanced Patent Search](#)

[Google Home](#) - [About Google](#) - [About Google Patent Search](#)

©2007 Google



(firmware OR software) update server public k

Search Patents

[Advanced Patent Search](#)  
[Google Patent Search](#)

Filing date

☐ Return patents filed anytime

☒ Return patents filed between Jan ▾ 1970 ▾ and Mar ▾ 2002 ▾

**Patents** Patents 1 - 25 on (firmware OR software) update server public key synchronization. (0.11 second)

Method and apparatus for synchronizing firmware

[Sort by relevance](#) | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)

US Pat. 6678741 - Filed Apr 9, 1999 - Sun Microsystems, Inc.

Y of particular **software** from a particular **firmware** computer or **server**. ...

The client (ie HID) is provided with a **public key** associated with the private ...

Internet-based system for enabling a time-constrained competition among a ...

US Pat. 6659861 - Filed May 26, 2000 - Reveo, Inc.

4F2 is a flowchart describing in greater detail a **public key**, ... **synchronization** unit; message from the game **server** to the primary **server** contains 40 FIG. ...

Global **synchronization** unit (GSU) for time and space (TS) stamping of input ...

US Pat. 6903681 - Filed May 25, 2000 - Reveo, Inc.

11 ID, a game **server** access code, and a client machine **public key**, ...

and synchronizing the client machine display **update** cycle in connection with a system ...

INTERNET-BASED METHOD OF AND SYSTEM FOR MONITORING SPACE-TIME COORDINATE ...

US Pat. 6677858 - Filed May 30, 2000 - Reveo, Inc.

2, showing **update** cycle in connection with a system that does not a .... of the

components 60 auction **server**, as well as the auction **server's public key** for ...

Electronic document delivery system in which notification of said electronic ...

US Pat. 5790790 - Filed Oct 24, 1996 - Tumbleweed Software Corporation

The system can also help the user generate a **public key** for BFD-use only, and 30 **update** user account information with it, so that the sender does not have ...

Method for performing group exclusion in hierarchical group structures

US Pat. 5220604 - Filed Sep 28, 1990 - Digital Equipment Corporation

This mail may be interpreted to add, **update**, or remove the affected hints. ...

The smart card now signs a message containing the nonce and **public key** ...

System and method for access control for portable data storage media

US Pat. 5457746 - Filed Dec 19, 1994 - Spyryus, Inc.

The publisher application is responsible for **synchronization** of **key** ...

the premastering **software** will **update** the publisher **key** database 42 with these ...

Automatically configuring a **server** into a master or slave **server** based on ...

US Pat. 6889248 - Filed Apr 12, 2000 - Sun Microsystems, Inc.

If the master **server** 101 does not have the **key**, then no **synchronization** is possible.

... In one embodiment, if there has been an **update** to the **software**,... .

Portable electronic authorization system and method

US Pat. 7080037 - Filed Oct 1, 2001 - Chameleon Network Inc.

For example, one of the asymmetric-**key** encryption types, such as **public key** ...  
and the communication **software** 2710 to **update** settings on the network **server** ...

#### Method and apparatus for **synchronization** of connectionless applications ...

US Pat. 6061741 - Filed Jun 20, 1997 - International Business Machines Corporation

**Server** 102 stores the CRC **Key** ID and assigned port number in an internal ...  
In step 166, **server** 102 calls virtual terminal apis 120 to **update** the terminal ...

#### System and method for automatically sharing information between handheld devices

US Pat. 6832242 - Filed Dec 28, 2000 - Intel Corporation

**Public-key** cryptography and/or a digital certificate may, for example, ...  
50 In the web **server** 10, the **update** user profiles portion 40 accepts interest ...

#### Method, product, and apparatus for processing reusable information

US Pat. 6442549 - Filed Nov 15, 1999

or confidential (eg classified or top secret government information, trade secret  
information or the like) material which carries an encryption (**public-key**,... .

#### Compound principals in access control lists

US Pat. 5315657 - Filed Sep 28, 1990 - Digital Equipment Corporation

This mail may be interpreted to add, **update**, or remove the affected hints. ...  
another nonce, a **public key**, and the certificates retrieved from the naming ...

#### Enforcement architecture and method for digital rights management system for ...

US Pat. 7203966 - Filed Jun 27, 2001 - Microsoft Corporation

The **public key** is made available to the license **server** for purposes of encrypting  
... contact with the license **synchronization server** in order to **update** the ...

#### System and method for access data control

US Pat. 5703951 - Filed Jun 7, 1995 - SpyruS, Inc.

This allows the publisher and encryption **key** and is used to execute the encryption.  
subscriber to maintain synchronized keys and **update** Signature and **key** ...

#### System and method for electronically exchanging value among distributed users

US Pat. 7089208 - Filed Apr 28, 2000 - PayPal, Inc.

When a user installs new **software** (eg, a new version), uncleared transactions  
may be automatically cleared (with **synchronization server** 106) or archived. ...

#### Mobile IP mobility agent standby protocol

US Pat. 6195705 - Filed Jun 30, 1998 - Cisco Technology, Inc.

In a preferred embodiment, the message used **update** the standby router of ...  
**Synchronization** of such a group would typically require multicast addressing. ...

#### Mobile IP mobility agent standby protocol

US Pat. 6487605 - Filed Nov 14, 2000 - Cisco Technology, Inc.

After the active Home Agent has sent the appropriate registration **update** ....  
**Synchronization** of such a group would typically require multicast addressing. ...

#### System and apparatus for storage and transfer of secure data on web

US Pat. 6985953 - Filed Nov 30, 1999 - George Mason University

Furthermore, if it is necessary, the verification **server** can **update** some information



... maintenance and **synchronization** of this information is burdensome. ...

Securely and autonomously synchronizing data in a distributed computing ...

US Pat. 6754678 - Filed Dec 20, 2000 - California Institute of Technology

Since peer 1 verified peer 2's **public key** using the certificate ... Second, the **update** must be accessible by only the right people and there is no way to ...

Methods and systems for single sign-on authentication in a multi-vendor e ...

US Pat. 6898577 - Filed Mar 18, 1999 - Oracle International Corporation

Web-enabled device (such as a personal computer, for example) and the Web Vendor's **server**. For example, a **public key** encryption scheme may be used as the ...

Transport logistics systems and methods

US Pat. 6915268 - Filed Jul 27, 2001 - Odyssey Logistics & Technology Corporation

The processes to propose **update** and maintain existing against which ...

Analysis Tools 402 provide analytical The rates and routes **synchronization** process ...

Channel equalization system and method

US Pat. 6904110 - Filed May 1, 2001

The regulator is designed as a regulation system which consists of both hardware and **software** components. 40 **Key** Features for "uninet™ Regulator (R)" when ...

Method and system for a set of network appliances which can be connected to ...

US Pat. 7159022 - Filed Jan 25, 2002 - American Power Conversion Corporation


This list may be used to **update** the list of appliances known by the ... DCE, NIS) or mechanisms (digital signatures, **public-private key** encryption). ...

Data **synchronization** method for maintaining and controlling a replicated data

US Pat. 6389423 - Filed Dec 3, 1999 - Mitsubishi Denki Kabushiki Kaisha

The **server** 104 is connected to the internet 103 and the general **public** line ...

4 follows: data objects 401; an **update** log data 402; an **update** message 403; ...

(firmware OR software) update server public  Search Patents

[Google Patent Search Help](#) | [Advanced Patent Search](#)

[Google Home](#) - [About Google](#) - [About Google Patent Search](#)

©2007 Google